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| TO P CO  | Application  | Serial Number        | 10/541,304   |  |  |  |  |  |  |
| 2007   | Filing Date  |                      | July 1, 2005   |  |  |  |  |  |  |
| N 2 a 2007   | First Named  | Inventor             | Beliveau   |  |  |  |  |  |  |
| TRANSMITTA   | Group Art U  | Jnit                 | 1615   |  |  |  |  |  |  |
|  | Examiner N   | ame                  | Not yet assigned   |  |  |  |  |  |  |
| FORM   | Attorney Do  | ocket No.            | BKP-024  |  |  |  |  |  |  |
|  | Patent No.   |                      | Not applicable   |  |  |  |  |  |  |
|  | Issue Date   |                      | Not applicable   |  |  |  |  |  |  |
|  | ENCLOSURES (c  | heck all that apply) |  |  |  |  |  |  |  |
| ENCLOSURES (check all that apply)  Description:  ENCLOSURES (check all that apply)  Copy of Notice to File Missing Parts of Description Notice of Appeal to Board of Patent  |  |                      |  |  |  |  |  |  |  |
|  | Application  |                      | Appeals and Interferences  |  |  |  |  |  |  |
| Check Attached  Converted Form   | Formal Drawing(s   | `                    | ☐ Appeal Brief (in triplicate)                                       |  |  |  |  |  |  |
| ☐ Copy of Fee Transmittal Form   | Formal Drawing(s   | )                    | Mppear Brief (in triplicate)   |  |  |  |  |  |  |
| ☐ Amendment/Response   | Request For Conti  |                      | Status Inquiry   |  |  |  |  |  |  |
| ☐ Preliminary  | (RCE) Transmittal  |                      |  |  |  |  |  |  |  |
| ☐ After Final  |  |                      | Return Receipt Postcard  |  |  |  |  |  |  |
| Affidavits/declaration(s)  | Power of Attorney  |                      | [7] C. A'C. A. C. C. C. C. M. C. |  |  |  |  |  |  |
| Letter to Official Draftsperson  | (Revocation of Pri   | or Powers)           | Certificate of First Class Mailing under 37 C.F.R. 1.8               |  |  |  |  |  |  |
| including Drawings   |  |                      |  |  |  |  |  |  |  |
| [Total Sheets]   | ☐ Terminal Disclaim  | ier                  | Certificate of Facsimile   |  |  |  |  |  |  |
|  |  |                      | Transmission under 37 C.F.R. 1.8                                     |  |  |  |  |  |  |
| ☐ Petition for Extension of Time   | Executed Declarat  |                      | Additional Enclosure(s)  |  |  |  |  |  |  |
|  | Attorney for Utility Application   | y or Design Patent   | (please identify below)  |  |  |  |  |  |  |
|  | _  | ·                    |  |  |  |  |  |  |  |
| Statement (2 pgs.)  Form PTO-1449 (1 pg.)  | Small Entity State   | ment                 |  |  |  |  |  |  |  |
| Copies of IDS Citations  | ☐ CD(s) for large tab  | ole or computer      |  |  |  |  |  |  |  |
| (B1-B4; C1-C3)   | program  |                      |  |  |  |  |  |  |  |
| Certified Copy of Priority   | Amendment After  | Allowance            |  |  |  |  |  |  |  |
| Document(s)  |  |                      |  |  |  |  |  |  |  |
|  | Request for Certific   |                      |  |  |  |  |  |  |  |
| Sequence Listing submission  Paper Copy/CD   | <u> </u>   | Correction (in       |  |  |  |  |  |  |  |
| Computer Readable Copy   |  |                      |  |  |  |  |  |  |  |
| Statement verifying identity of  |  |                      |  |  |  |  |  |  |  |
| CORRESPONDENCE ADDRESS   |  | SIGNATURE BLOC       | CK   |  |  |  |  |  |  |
|  | ninistrator  |                      | Respectfully submitted,  |  |  |  |  |  |  |
| Kirkpatrick & Lockhart Preston   |  |                      |  |  |  |  |  |  |  |
| Gates Ellis LLP State Street Financial Center One Lincoln Street  Date: January 25, 2007 Reg. No. 58,343  Karen A. Schouten  |  |                      |  |  |  |  |  |  |  |
|  | State Street Financial Center One Lincoln Street Boston, MA 02111-2950 Tel. No.: (617) 261-3100  Date: January 25, 2007 Reg. No. 58,343 Tel. No.: (617) 261-3216 Fax No.: (617) 261-3175  Kirkpatrick & Lockhart Preston |                      |  |  |  |  |  |  |  |
| □ Paper Copy/CD □ Computer Readable Copy □ Statement verifying identity of above  ORRESPONDENCE ADDRESS  irect all correspondence to:  Patent Administrator Kirkpatrick & Lockhart Preston Gates Ellis LLP State Street Financial Center One Lincoln Street Poston MA 02111 2050  Date: January 25, 2007 Reg. No. 58,343 Tel. No.: (617) 261-3216  Attorney for Applicant(s) |  |                      |  |  |  |  |  |  |  |
| Fax No.: (6  | 517) 261-3175  |                      | State Street Financial Center  |  |  |  |  |  |  |
|  |  |                      |  |  |  |  |  |  |  |



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S):

Beliveau et al.

**CONFIRMATION NO.:** 

8132

SERIAL NO.:

10/541,304

GROUP NO.:

1615

FILING DATE:

July 1, 2005

**EXAMINER:** 

Not yet assigned

TITLE:

A Method for Transporting a Compound Across the Blood-Brain Barrier

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

### **INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. Copies of the non-U.S. patent documents and non-patent publications are enclosed.

## **REMARKS**

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

| (1) | within three (3) months of the <b>filing date</b> of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the <b>date of entry of the national stage</b> as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the <b>first Office action</b> on the merits, or before the mailing of a <b>first Office action</b> after the filing of a request for continued examination under 37 C.F.R. 1.114; or |
|-----|--|
| (2) | after the period defined in (1) above but before the mailing date of any of a <b>final</b> action under 37 C.F.R. 1.113, a <b>notice of allowance</b> under 37 C.F.R. 1.311, or an action that otherwise closes prosecution in the application, and  |
|     | the requisite Statement is below, OR   |
|     | the requisite fee under 37 C.F.R. 1.17(p), namely \$180.00, is included herein; or   |

| Information Disclosure State<br>Serial No.: 10/541,304<br>Page 2 of 2 | ment  |
|---|---|
| (3) after   | the period defined in (2) above but before the payment of the issue fee, AND  |
| the r   | requisite Statement is below, AND   |
| the r   | requisite petition fee under 37 C.F.R. 1.17(p), namely \$180.00 is included herein.   |
| •   | equested that each of the patents and publications listed on the attached Form aformation contained herein, be made of record in this application.  |
|   | STATEMENT   |
| As required under   | 37 C.F.R. 1.97(e), Applicant(s), through the undersigned, hereby state either that  |
| [check the appropriate  | e space only if either (2) or (3) is checked on the previous page <u>and</u> the  |
| Statement is required]  | ]:  |
| 1.  | Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application <b>not more than three months</b> prior to the filing of the Information Disclosure Statement; or   |
|   | No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of the Information Disclosure Statement. |
|   | Respectfully submitted,   |
| Date: January 25, 2007<br>Reg. No. 58,343                             | Karen A. Schouten Attorney for Applicant(s) Kirkpatrick & Lockhart Preston  |
| Tel. No.: (617) 261-321<br>Fax No.: (617) 261-317                     |   |

One Lincoln Street

Boston, Massachusetts 02111-2950



| TALL                                    |  |  | ····            |                  |               |                                       |             |              | •        |  |            |                      |               |
|---|--|--|-----------------|------------------|---------------|---------------------------------------|-------------|--------------|----------|--|------------|----------------------|---------------|
| FORM 1                                  | PTO -  | 1449   |                 | ;                | ATTO          | ORNEY                                 | DOC!        | KET          | NO.:     | BKP-   | -024       | ļ                    |               |
| INFORMATION DISCLOSURE STATEMENT        |  |  |                 |                  | APPLICANT(S): |                                       |             |              |          | Beliv  | eau        |                      |               |
|   |  |  |                 |                  | SERI          | AL NO                                 | ••          |              |          | 10/54  | 11,30      | 04                   |               |
|   |  |  |                 |                  | FILIN         | NG DA                                 | ГЕ:         |              |          | July 1   | 1, 20      | 005                  |               |
|   |  |  |                 |                  | GRO           | UP NO                                 | <b>.:</b>   |              |          | 1615   |            |                      |               |
|   |  |  | U.              | S. PATEN         | NT DO         | CUME                                  | NTS         |              |          |  |            |                      |               |
| EXAM.<br>INIT.                          |  | DOCUMENT NUMBER DATE NAME  |                 |                  |               | CLASS                                 |             |              |          |  | FILING DA  | G DATE IF<br>OPRIATE |               |
|   | A1   | 5,118,668  | 06/02/92        | Auerswald et al. |               |                                       |             |              | •        |  |            |                      |               |
|   | A2   | 5,780,265  | 07/14/98        | Dennis et al.    |               |                                       |             |              |          |  |            | <del></del>          | <del></del>   |
| **                                      | A3   | 5,807,980  | 09/15/98        | Lasters          | et al.        |                                       |             |              | ,        |  |            |                      |               |
|   |  |  |                 |                  |               |                                       |             |              |          |  |            |                      |               |
|   |  |  |                 |                  |               |                                       |             |              |          | <del>                                     </del> |            |                      |               |
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|   |  |  | FOR             | EIGN PAT         | FENT          | DOCU                                  | MENT        | 'S           |          | <u> </u>   |            |                      |               |
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|   | B1   | WO 04/60403  | 07/22/04        | PCT              | A             | A61K                                  | 47/48       |              | 01/05/04 |  |            |                      | Y             |
|   | B2   | WO 97/33996  | 09/18/97        | PCT              | (             | C12N                                  | 15/15       |              | 03/10/97 |  |            |                      | Y             |
|   | В3   | WO 96/35788  | 11/14/96        | PCT              | (             | C12N                                  | 15/15 0     |              | 05/08/96 |  |            |                      | Y             |
|   | B4   | 0 393 431  | 04/05/90        | EP               | (             | C07K                                  | 7/10 10/2   |              | 10/2     | 0/24/90  |            |                      | N             |
|   | <u> </u>   | <del></del>  | OTHER A         | ART, JOU         | IRNAL         | L ARTI                                | CLES,       | ET           | C.       |  | <b>.</b> . |                      |               |
| EXAM.<br>INIT.                          | ОТНІ   | ER DOCUMENTS:  | (Including Auth | or, Title, Da    | te, Relev     | vant Page                             | es, Place   | of P         | ublicati | on)  |            |                      | <u></u>       |
|   | Dagenais st el., "Development of an In Situ Mouse Brain Perfusion Model and Its Application to mdr1a P-Glycoprotein-Deficient Mice", Journal of Cerebral Blood Flow & Metabolism, Vol. 20(2):381-386, February 2000. |  |                 |                  |               |                                       |             |              |          |  |            |                      |               |
|   | C2   | Dehouck et al., "An Easier, Reproducible, and Mass-Production Method to Study the Blood-Brain Barrier In Vitro", Journal of Neurochemistry, 54:1798-1801, (1990) |                 |                  |               |                                       |             |              |          |  |            | d-Brain              |               |
|   | C3   | C3 Laccabue <i>et al.</i> , "A Novel Taxane Active against an Orthotopically Growing Human Clioma Xenograft", Cancer, 92(12):3085-3092, (2001).                  |                 |                  |               |                                       |             |              |          |  | a          |                      |               |
|   |  |  |                 |                  |               | · · · · · · · · · · · · · · · · · · · |             |              |          |  |            |                      |               |
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TITLE:

A Method for Transporting a Compound Across the Blood-Brain Barrier

# CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 25<sup>th</sup> day of January, 2007.

Lori Calnan

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

#### Submitted herewith is/are:

- Transmittal Form (1 pg.);
- Information Disclosure Statement (2 pgs.);
- Form PTO-1449 (1 pg.);
- Copies of IDS Citations (B1-B4; C1-C3);
- Certificate of First Class Mailing (1 pg.); and
- Return Receipt Postcard.